

CLAIMS

1. An information processing system comprising: electronic equipment; an information processing device; and a server device,

5 the electronic equipment comprising

a first address information storage section storing first address information showing an address with which the server device sends information to the information processing device,

10 a first electronic equipment identifier storage section storing a first electronic equipment identifier that is information with which the information processing device sends information to the electronic equipment,

a first address change confirmation information forming section for obtaining first address information from the first address information storage section, obtaining a first electronic equipment identifier from the first electronic equipment identifier storage section and forming first address change confirmation information containing the first address information and the first electronic equipment identifier, and

15 a first address change confirmation information sending section for sending the first address change confirmation information to the information processing device,

20 the information processing device comprising

a second address information storage section storing second address information showing an address with which the server device sends information to the information processing device,

25 a second electronic equipment identifier storage section storing a second electronic equipment identifier that is information with which the information processing device sends information to the electronic equipment,

a first address change confirmation information receiving section for receiving the first address change confirmation information,

a second address change confirmation information forming section for obtaining second address information from the second address information storage section, obtaining a second electronic equipment identifier from the second electronic equipment identifier storage section and forming second address change confirmation information by writing the second address information and the second electronic equipment identifier in the first address change confirmation information, and

a second address change confirmation information sending section for sending the second address change confirmation information to the server device, and

the server device comprising

an electronic equipment address information storage section storing one or more pieces of electronic equipment address information containing third address information and a third electronic equipment identifier,

a second address change confirmation information receiving section for receiving the second address change confirmation information,

a determination section for determining whether or not first address information and second address information, which are contained in the second address change confirmation information, agree with each other or/and whether or not a first electronic equipment identifier and a second electronic equipment identifier, which are contained in the second address change confirmation information, agree with each other, and

an electronic equipment address information updating section for rewriting third address information or/and a third electronic equipment identifier of electronic equipment address information containing third address

information agreeing with the first address information contained in the second address change confirmation information and a third electronic equipment identifier agreeing with the first electronic equipment identifier contained in the second address change confirmation information into second address information or/and a second electronic equipment identifier contained in the second address change confirmation information when the determination section determines that the first address information and the second address information do not agree with each other or that the first electronic equipment identifier and the second electronic equipment identifier do not agree with each other.

2. The information processing system according to claim 1, wherein the first address change confirmation information sending section regularly sends the first address change confirmation information to the information processing device.

3. The information processing system according to any one of claims 1 and 2, wherein

the electronic equipment further comprises
a confirmation information receiving section for receiving the confirmation information from the information processing device, and
a send back information sending section for sending reply information corresponding to the confirmation information to the information processing device; and

the information processing device further comprises
a confirmation information sending/receiving section for receiving the confirmation information from the server device and sending the confirmation

information to the electronic equipment; and

a reply information sending/receiving section for receiving the reply information from the electronic equipment and sending the reply information to the server device; and wherein

- 5 when the determination section of the server device determines that the first address information and the second address information do not agree with each other or that the first electronic equipment identifier and the second electronic equipment identifier do not agree with each other, the electronic equipment address information updating section of the server device sends the
- 10 confirmation information to the electronic equipment via the information processing device, receives the reply information corresponding to the sending of the confirmation information and, based on the reply information, rewrites third address information or/and a third electronic equipment identifier of electronic equipment address information containing third address information
- 15 agreeing with the first address information contained in the second address change confirmation information and a third electronic equipment identifier agreeing with the first electronic equipment identifier contained in the second address change confirmation information into second address information or/and a second electronic equipment identifier contained in the second address
- 20 change confirmation information.

4. The information processing system according to claim 3, wherein when the reply information comprises the confirmation information, the electronic equipment address information updating section rewrites third address
- 25 information or/and a third electronic equipment identifier of electronic equipment address information containing third address information agreeing with the first address information contained in the second address change

confirmation information and a third electronic equipment identifier agreeing with the first electronic equipment identifier contained in the second address change confirmation information into second address information or/and a second electronic equipment identifier contained in the second address change
5 confirmation information.

5. The information processing system according to any one of claims 3 and 4, wherein the send back information sending section of the electronic equipment encrypts and sends reply information,
10 the electronic equipment address information updating section of the server device decrypts an encryption of the received reply information, then determines whether or not the decrypted reply information satisfies a certain condition and, when the certain condition is satisfied, rewrites third address information or/and a third electronic equipment identifier of electronic
15 equipment address information containing third address information agreeing with the first address information contained in the second address change confirmation information and a third electronic equipment identifier agreeing with the first electronic equipment identifier contained in the second address change confirmation information into second address information or/and a
20 second electronic equipment identifier contained in the second address change confirmation information.

6. The information processing system according to claim 3, wherein when the reply information is received, the electronic equipment address information
25 updating section rewrites third address information or/and a third electronic equipment identifier of electronic equipment address information containing third address information agreeing with the first address information contained

in the second address change confirmation information and a third electronic equipment identifier agreeing with the first electronic equipment identifier contained in the second address change confirmation information into second address information or/and a second electronic equipment identifier contained
5 in the second address change confirmation information.

7. An information processing system comprising: electronic equipment; and a server device,

the electronic equipment comprising

10 an index information holding section holding index information that is information for obtaining an electronic equipment identifier for accessing the electronic equipment related information that is information related to electronic equipment, and

a send information sending section for obtaining index information from
15 the index information holding section and sending send information containing the index information to the server device,

the server device comprising

an electronic equipment related information storage section storing one or more pieces of electronic equipment related information,

20 an electronic equipment identifier index correspondence management section for storing an electronic equipment identifier with corresponding to the index information,

a send information receiving section for receiving the send information from the electronic equipment, and

25 an information accessing section for obtaining the electronic equipment identifier based on the index information contained in the send information received by the send information receiving section and accessing the electronic

equipment related information based on the electronic equipment identifier.

8. An information processing system comprising: electronic equipment; an information processing device; and a server device,

5 the electronic equipment comprising

a first address information storage section storing first address information showing an address with which the server device sends information to the information processing device,

10 a first electronic equipment identifier storage section storing a first electronic equipment identifier that is information with which the information processing device sends information to the electronic equipment,

an index information holding section holding index information,

a first address change confirmation information forming section for obtaining first address information from the first address information storage section, obtaining a first electronic equipment identifier from the first electronic equipment identifier storage section, obtaining index information from the index information holding section and forming a first address change confirmation information containing the first address information, the first electronic equipment identifier and the index information, and

20 a first address change confirmation information sending section for sending the first address change confirmation information to the information processing device,

the information processing device comprising

25 a second address information storage section storing second address information showing an address with which the server device sends information to the information processing device,

a second electronic equipment identifier storage section storing a second

electronic equipment identifier that is information with which the information processing device sends information to the electronic equipment,

a first address change confirmation information receiving section for receiving the first address change confirmation information,

5 a second address change confirmation information forming section for obtaining second address information from the second address information storage section, obtaining a second electronic equipment identifier from the second electronic equipment identifier storage section and forming second address change confirmation information by writing the second address
10 information and the second electronic equipment identifier in the first address change confirmation information, and

a second address change confirmation information sending section for sending the second address change confirmation information to the server device, and

15 the server device comprising

an electronic equipment address information storage section storing one or more pieces of electronic equipment address information containing third address information and a third electronic equipment identifier with corresponding to the electronic equipment identifier,

20 an electronic equipment identifier index correspondence management section storing an electronic equipment identifier for accessing the electronic equipment address information with corresponding to the index information,

a second address change confirmation information receiving section for receiving the second address change confirmation information,

25 a determination section for determining whether or not first address information and second address information, which are contained in the second address change confirmation information, agree with each other or/and whether

or not a first electronic equipment identifier and a second electronic equipment identifier, which are contained in the second address change confirmation information, agree with each other, and

an electronic equipment address information updating section for
5 obtaining an electronic equipment identifier from the index information,
obtaining the electronic equipment address information based on the electronic
equipment identifier, rewriting third address information or/and a third
electronic equipment identifier of electronic equipment address information
containing third address information agreeing with the first address
10 information contained in the second address change confirmation information
and a third electronic equipment identifier agreeing with the first electronic
equipment identifier contained in the second address change confirmation
information into second address information or/and a second electronic
equipment identifier contained in the second address change confirmation
15 information when the determination section determines that the first address
information and the second address information do not agree with each other or
that the first electronic equipment identifier and the second electronic
equipment identifier do not agree with each other.

20 9. The information processing system according to claim 8, wherein
the electronic equipment further comprises

a confirmation information receiving section for receiving the
confirmation information from the information processing device, and

a send back information sending section for sending reply information
25 corresponding to the confirmation information to the information processing
device, and

the information processing device further comprises

a confirmation information sending/receiving section for receiving the confirmation information from the server device and sending the confirmation information to the electronic equipment, and

a reply information sending/receiving section for receiving the reply
5 information from the electronic equipment and sending the reply information to the server device; and wherein

when the determination section of the server device determines that the first address information and the second address information do not agree with each other or that the first electronic equipment identifier and the second electronic
10 equipment identifier do not agree with each other, the electronic equipment address information updating section of the server device obtains an electronic equipment identifier from the index information, obtains the electronic equipment address information based on the electronic equipment identifier, rewrites third address information or/and a third electronic equipment
15 identifier of electronic equipment address information containing third address information agreeing with the first address information contained in the second address change confirmation information and a third electronic equipment identifier agreeing with the first electronic equipment identifier contained in the second address change confirmation information into second address
20 information or/and a second electronic equipment identifier contained in the second address change confirmation information.

10. The information processing system according to any one of claims 7 to 9, wherein the server device notifies the index information to the electronic
25 equipment and the electronic equipment accumulates the index information.

11. The information processing system according to claim 10, wherein the

server device encrypts the index information and notifies it to the electronic equipment.

12. The information processing system according to any one of claims 10 and
5 11, wherein the server device regularly notifies the index information to the electronic equipment.

13. A server device which configures the information processing system described in any one of claims 1 to 12.

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14. Electronic equipment which configures the information processing system described in any one of claims 1 to 12.

15. A program comprising, in a computer:
15 a step of obtaining first address information stored in advance;
a step of obtaining a first electronic equipment identifier stored in advance;
a first address change confirmation information forming step of forming first address change confirmation information containing the first address
20 information and the first electronic equipment identifier; and
a first address change confirmation information sending step of sending the first address change confirmation information to an information processing device.

25 16. A program comprising, in a computer:
a step of obtaining first address information stored in advance;
a step of obtaining a first electronic equipment identifier stored in

advance;

a first address change confirmation information forming step of forming a first address change confirmation information containing the first address information and the first electronic equipment identifier;

5 a first address change confirmation information sending step of sending the first address change confirmation information to an information processing device;

a confirmation information receiving step of receiving confirmation information from the confirmation information processing device; and

10 a send back information sending step of sending reply information corresponding to the confirmation information to an information processing device.

17. A program comprising, in a computer:

15 a step of obtaining index information held in advance;

a step of forming a send information comprising the index information;

and

a step of sending the send information to the server device.